Int. Appl. No.
Int. Filing Date

PCT/EP2005/00556

January 18, 2005

AMENDMENTS TO THE CLAIMS

1. (Original) A liquid crystalline tetra alkyloxy-substituted phthalocyanine derivative with the following structure \underline{I} :

wherein M is a metal or two atoms such as 2 H or 2 Li, and R is the followed branched aliphatic chain:

$$C_xH_{2x+1}$$
 C_yH_{2y+1}
 C_zH_{2z+1}

with n = 0 and x = 6-30

$$y = 6-30$$

$$z = 0-30$$

or n = 1 and x = 10-30

$$y = 6-30$$

$$z = 0-30$$

or n > 1 and x = 6-30

$$y = 6-30$$

$$z = 6-30$$
.

2. (Original) The phthalocyanine derivative according to claim 1, where M is 2 H or 2 Li and n=1, x=12, y=10 and z=0.

Int. Appl. No. : PCT/EP2005/00556
Int. Filing Date : January 18, 2005

3. (Original) The phthalocyanine derivative according to claim 1, where M is 2 H or 2 Li and n = 1, x = 10, y = 8 and z = 0.

- 4. (Currently amended) The phthalocyanine derivative according to claim 1, where M is Copper (Cu), Zinc (Zn), Palladium (Pd), Ni (Nickel), or Pt (platinum) and n = 1, x = 12, y = 10 and z = 0.
- 5. (Currently amended) The phthalocyanine derivative according to claim 1, where M is Copper (Cu), Zinc (Zn), Palladium (Pd), Ni (Nickel), or Pt (platinum) and n = 1, x = 10, y = 8 and z = 0.
- 6. (Currently amended) Preparation process of the phthalocyanine derivative according to claim 1, comprising the following steps:

-reacting nitrophthalonitrile $\underline{\mathbf{II}}$ in dimethyl sulfoxide (DMSO) with at least the molar amount of an inorganic base (lithium-hydroxide (LiOH), potassium-hydroxide (KOH), sodium hydroxide (NaOH), ...), and with at least the molar amount of an alcohol $\underline{\mathbf{III}}$, by reacting the mix up at $0-60^{\circ}$ C during at least 10 hours;

-separating the alkoxyphthalonitrile <u>IV</u> from the resulting reaction medium comprising said compound, remaining solvents, unused reactants and by-products;

-reacting the alkoxyphthalonitrile <u>IV</u> in 1-pentanol or N,N-dimethylethanolamine with at least 2 times the molar amount of lithium (Li), by reacting the mix up at reflux during at least 2 hours;

-if the non-metal phthalocyanine (M = 2 H) is needed acetic acid is added to the reaction medium; if a metal phthalocyanine is needed, at least one time the theoretical amount of the corresponding metal salt (acetate, chloride, bromide, ...) is added to the reaction medium and left at reflux for at least 30 minutes; and

-separating the tetrasubstituted phthalocyanine $\underline{\mathbf{I}}$ from the resulting reaction medium comprising said compound, remaining solvents, unused reactants and byproducts.

- 7. (Canceled)
- 8. (Canceled)
- 9. (New) The process of claim 6 wherein the inorganic base is selected from the group consisting of lithium hydroxide, potassium hydroxide and sodium hydroxide.

Int. Appl. No. : PCT/EP2005/00556 Int. Filing Date : January 18, 2005

10. (New) An electronic device comprising the phthalocyanine derivative of claim 1.

11. (New) The electronic device of claim 10 which is selected from the group consisting of transistors, sensors, memories, photo voltaic devices and photodiodes.